T-Scale

Operation Manual

T20

Weighing Scales

T-Scale

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5.5 Set backlight mode

After enter setting mode, display shows "FCAL", press **ZERO** key three times, display shows "F3 bL", press **TARE/UNIT** key to enter, press **ZERO** key change backlight mode(oFF: always off, on: always on), press **TARE/UNIT** key to sure.

5.6 Set auto power off

After enter setting mode, display shows "FCAL", press **ZERO** key four times, display shows "F4oFF", press **TARE/UNIT** key to enter, press **ZERO** key select the auto power off time (on, 3, 10minutes), press **TARE/UNIT** key to sure.

5.7 Set units

After enter setting mode, display shows"FCAL", press **ZERO** key five times, display shows "FSUnt", press **TARE/UNIT** key to enter, press **ZERO** key select the secondary unit (lb , g,, press **TARE/UNIT** key to sure.

6. BATTERY OPERATION

When battery voltage low, the "BAT LO" arrow will turn on. The battery should be changed as soon as the arrow is on.

The scale use dry battery cell (3xsizeD battery, the battery location at the bottom of the scale), loose the screw for battery cover, and open the battery house, please install the battery with correct polarity (+/-)

if you don't use the dry battery, please take off it from the box. If the dry battery is becoming to a wastrel, please put it into a special place.

When you have no battery or battery low, you also can use AC adapter to power the scale, just plug the AC adapter to AC adapter jack at the bottom of scale.

1. INTRODUCTION

The T20 series of weighing scales provides an accurate, fast and versatile series of general purpose waterproof weighing scales. There are 4 models of scales within the range. Platform size is 190mm x 230mm, capacity range from 3kg to 25kg.

All units include tare, zero, change weighing unit, change division function.

2. KEY DESCRIPTIONS

ON/OFF: turn on/off the power

TARE/UNIT: press this key to tare, hold this key for 4 seconds to change weighing unit, in setting mode, this used as enter key.

ZERO: rezero the scale, in setting mode, this key used to change set data.

3. DISPLAYS

The LCD display will show a value and some marks under the digits.

Zero: zero indicator

Stable: Stability indicator

Net: Tare indicator, current scales in net weight mode

kg: current weighing unit is kg

U_2: current weighing unit is second weighing unit, this weighing unit default is g.

Battery low, when this indicator on, please change battery.

4. OPERATION

4. 1 Zeroing The Display

You can press the **ZERO** key at any time to set the zero point from which all other weighing, within 4% of power up zero. This will usually

only be necessary when the platform is empty. When the zero point is obtained the display will show the indicator for zero.

The scale has an automatic zero tracking function to account for minor drifting or accumulation of material on the platform. However you may need to press the **ZERO** key to rezero the scale if small amounts of weight are shown when the platform is empty. (When weight more than 20% capacity, zero function disable)

4.2 Taring

Zero the scale by pressing the **ZERO** key if necessary. The zero indicator will be on.

Place a container on the platform, a value for its weight will be displayed.

Press the **TARE/UNIT** key to tare the scale. The weight that was displayed is stored as the tare value and that value is subtracted from the display, leaving zero on the display. The "NET" indicator will be on. As product is added only the weight of the product will be shown. The scale could be tared a second time if another type of product was to be added to the first one. Again only the weight that is added after taring will be displayed.

When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all products that was removed. The zero indicator will also be on because the platform is back to the same condition it was when the **ZERO** key was last pressed.

4.3 Change weighing unit

Hold **TARE/UNIT** key for 4 seconds will change weighing unit, relevant weighing unit mark turn on (kg or U_2)

5. PARAMETERS & CALIBRATION

5.1 Enter setting mode

The scale has 5 parameters that can be set by the user plus a method of entering the calibration section.

To set parameters or calibration, first turn off the weighing scales, then hold **TARE/UNIT** key and press **ON/OFF** key until display show "F0 CAL".

5.2 Calibrate

After enter setting mode, the display will show "F0 CAL". press **TARE/UNIT** key, display shows "UnLd", empty the platter, after STABLE indicator on, press **TARE/UNIT** key again, display shows the calibrate weight, you can press **ZERO** key to select calibrate weight, after you select, press **TARE/UNIT** key, display shows "LoAd", put the calibrate weight on, after STABLE indicator on, press **TARE/UNIT** key to sure, display shows "PASS", after T20 selfchecking again, T20 is ready for you.

5.3 Change capacity

After enter setting mode, the display shows "F0 CAL", press ZERO key, display shows "F ICAP", press **TARE/UNIT** key to enter, press **ZERO** key to select capacity, press **TARE/UNIT** key to sure,

NOTE: BEFORE CHANGE CAPACITY, YOU NEED SHORT JUMPER, SEE DETAIL IN SERVICE MANUAL.

5.4 Check internal counts

After enter setting mode, display shows "F0 CAL", press **ZERO** key twice, display shows "F2 inP", press **TARE/UNIT** key to enter, display shows internal counts, press **TARE/UNIT** key to return setting mode.